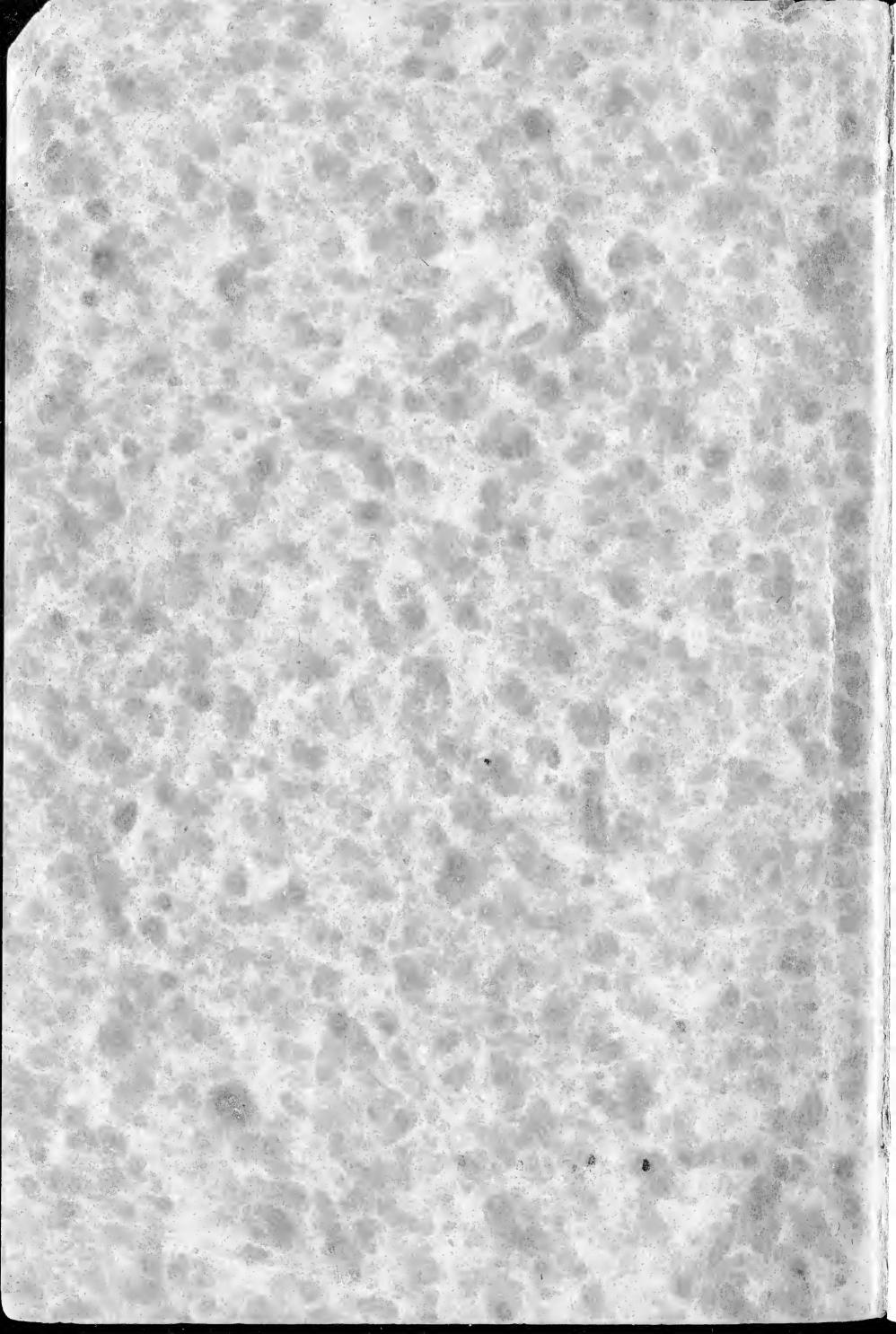
Notes on Myyony cetes.



Avergrice June 22, 1884, Collected on a leegy by bying in water. He little Areyria grow in the moist wood where out onlineaged, In the forms!

1. Soft or young? I'll you hight outfrie red color.
Viscode opherical or obserte merging into the strate stem which expands at the lame. Surface of the stem.

The reparent, nearly or quite colorless, aris only less red

That the head. 2 to 2,25 mm lung, head 0,75

2 Poroun, queedly maller and more emistent. How about the boom shiming; oternal on ith red; have expected and 1.5 m, head 0.75°. When ripe the prinding hunt, and the cap-like remains below appear yellow and finely printate. Confillition fring a splicial, mans of abundant tothers & continuous auntimosing thereads, yellow, with souble spiral. him markings; the spirals fromment at the times thought met enclosed in tolular members.

touppoundly not earlied in tulular members less than 0.006 no spier or tulealer but excepting the tune of the spiral every when smooth t with me free ends. Spies plain, sphering, pale gellinks in Checker Co. In the live of the exphended item loves of a deep hunt sinna color exhibition a collular constitution, their

the cells of variable size to the spine.

MOATE SULL MODES Ryerfale epidendrum. June 1884. Observed in Swenthime on damp decaying logs, incluted or in groups; the periodia from rige of pepper grain ordinarily to size of marrow fat pear. At first pale restrict about the color than becoming indian sed & the borner. Surface finely wanty. Then however in the grown state exacte a linguit pale varnicain pulp. When ripe the autorier pulversless prole brounds. Species pale translast, grounder, nearly extenders, thereast, one of 5 olicim. Threads, ready the thickens of the species, colorless, movinispoon, tubular, dentily entermed, enterme arm.

Frichia pyrifornis? Groups from the word of a decaying chestrut by; the periorin all lunch and corner with men of ferryium wol. They 3d 1884 Peristin in evenled groups or farcisles, turkimate pyroform blackant new, pen I transvenely at the upper extremity. Spines deep yellenish er gellenish horre, grunden, with a thick granular membrane, large usually about . 01; smaller over . 009 occasionally reaching . 012. Thead testimon, anatomoring at ling Islances, deutra known them the opens, doubly stiral, very apriline alunt .006 diam. July 3, 10 a, m. Spores placed in clear water. with them vere many colubers ofherial molecules 0.0015 exhibiting mul, movement, a few quescent havilli-like levdres 0.003 long but showing only mot. mor, am also amuller indeterminate grender. July 5. 10 a, m. Spines unchanger. Numerous Butteren present in ones and tros - 00 .003 long or pains . 0045 syliliting only sulecular surreunt. A few Wilsins. I alut. 015 long, How moving, so monado present, Fresh water asked. July 6 12. No change in spores . Basteria. ribualt about Their on extent & slower turn so as to present end towards Ate eye. July 7 6 a.m. No change. Some emdition as gesterday. July 9. 10 a.m. A fen minute + exceedingly delicate Ausclear have made their appearance. 0.015 by 0.009 with dutint C.V. 0045 + rather indutival mucleus. 003 with me Istut receleding neve with extreme showers, messell changing from best search moving from their printing. The often appears & have Breith of of of adherent.

Itall fever minute for sollate from observed, indred only An noticed 0.024 by 0.009 with antenn flegellum about in his or larger them levy. Mucleus inditions. More Thouse, went new refind them the arroclands, Brody buyon in amocland manner but to less extent. Three apparently unchanger. July 10 + 11. Dame constin. Many of the minte sterrockers walke as represented in the two figures of July it. by revery statement in protein & do me can on there can extent during a long period of observation. Office attacked to a spire they remain in some frontin - a long is held under examination. Tipe evident frim the and the charge of whater & effection & contraction of the the winte with from on also exceedingly. and. Include grandy hundly visible, weather less in age The the C.V. The grandon contents amy which appear to be is with as are are in the within and. The in he is the und deline turn the outline was hing . or in the whole without forme, thegelete from our ; to when in the observation of 10th runs seen in 11th. July 13, 14. Many flagellate Amoclinds, which slowly glowed alwat changing printern and from messanty. Appear to have repland the former anveleas as were detected. There Anvelours, we numerous them fromer usually measure from 0.018 to . 0.024. When surry forward generally cutte a fusiform shape as an (5) community alent 0.02-4 to 0.03 long. Smuthum eligated so that tail like extrainty appeared about as delicate on the georgellum.

Brody delicate fainty granden with few large sudecales, contrastile changable in form, explaineds, contins assimmed muse or can impule from, sometime shapiting the 0.045. Inclease not detected. Could delect no appearance of contrastile visible, whereas in the former stationary another is, it was very empious. Flagelless about as long or layer than the body.

No 2 humans very active, very minute, More rapply of hands by jests, recently jumping of flear. At time stationary when slightly change form and orle over. wal, overd, with flagellum about as lang on body.

mostly measure about 0.0045 - Many only 0.003 & few reach 0.006. Accentral gulante either mucleum or cretrastile visible. See drawing of July 14th.

July 20th. Spore apparently machines, the jertsing monads minutes and astire, but the amortises have nearly disappeared

only a few heing seen. Bacteria numerons.

1885.

July 3, 1885 Wallingford, In an old Jield on a decaying stromp abrent five operineus Fuligo septicum, yokish tus appeared to be in transition from the sulphur adviso plantom elsewhere seen. These had scattered portroms of the plantonism while call there parts of the Fuligo see characteristic.

Hours Anligo to omit an spirate odor.

Heligo? Sept. 9. Wallingfird. Found under the least of a descripe she log lying in the was side, among the luminish layers of least, a large blackish planswarm, extended alent 18 insteas long lag 3 inches lurand, looking like flat rainippy and martinesing not plus, of oft consistence. Here this operand a municum of heartiful cream above Segonia-like expension (Serenal opicionem pursered in alestrol) there were alent 1/2 in to 1 inch loved. Bright gellow Engines. I like planswarm oran also observed.

Fuligo? Oct, 25th Eastern, Pa. In a walke in emprony with Dr. Porter, formed on Chestment Hoill, at edge of a fresh, on turning were a log, among acond leaves and their materials, a gellowish, unruhled directed. hooly. It looked like the arinhed number when a hope a part of poster. It was continuous of the remperson of a part of poster. It was continuous of thirdeast with reticular. Supposing it to be a Halipo, whinted with cold, about the rige of a half dollar. I wrappend it in a complete of dried vale leaves to a piece of neuropeoper and put to in my probect. Them had been fort and the trees generally were leafen in the foliage dead. Och. 27th The specimen was dried of leaven into several pieces. It was placed in

a timble, with some mindered preass of decaying last of a dity home color, and pleased on my otily table. About a neets subsequently, the planmostim was observed to be in active condition, of a bright learn gellow, and crept about any the least and on the winder of the timbles in the usual reticular amorbin manner. This was continued with James 9 th 1886, when the planmosim entirely disappeared. It grandely decreased as that on Jame (ath there remain only a group of three littles masses about sign of mustand occor to them finally briappeared. In creeking about it exemplies left behin its homish traids.

1886



July 3, Observed fire specimen of Fuligo cepticism on a stromp. Of which the were in transition state from a yellow transluent planmostrium, resembling in approximate the authors yellow creeping planmostrium previously observed. Observed the Kulipo to exist a strong for revembling Opinson.

Aug. 4th Forph Easton. Chestrut Holl remarkabley systemic view from the Bright Forth Easton. Chestrut Holl remarkabley systemic view from the Milyond, My, Condition of the Milyond, My, conditions in the Mr. Some to Per Sandolice in the Milyond, My, conditions with Mr. Some to Per Sandolice in the Milyond, My, conditions with Mr. Some to Per Sandolice in the Milyond, My, conditions with Mr. Some to Per Sandolice

is a non of frail god trade.

